Pham Tien Dat

Software Engineer

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SUMMARY

Software Engineer with hands-on experience developing scalable web applications using modern technologies throughout the stack. Proficient in using React, TailwindCSS, shadcn, daisyUI, Next.js, ASP.NET Core, Django, Flask, FastAPI, Spring Boot, and Prisma. Skilled in building User Interfaces, RESTful APIs, integrating databases, and managing DevOps workflows. Committed to writing clean, maintainable code and collaborating effectively in team-driven environments.

TECHNICAL SKILLS

Languages: Python, C#, SQL, TypeScript

Frameworks / Libraries: ASP.NET Core, React, Next.js, Prisma, shadcn, TailwindCSS, daisyUI, Express.js

Tools: Docker, Git, Nginx, Visual Studio Code, Rider, OpenAPI (Swagger, Scalar), uv, Ruff, Vite

Databases: MySQL, PostgreSQL, MongoDB

Concepts: Containerization, RESTful APIs, CI/CD, Object-Oriented Design, Meta-programming

EDUCATION

International University - VNU HCMC — Ho Chi Minh City
B.Eng. in Information Technology, GPA: 3.29 / 4.0 — *Sep 2021 – Present*

EXPERIENCE

Problem Setter — 2022
LC Online Judge — *https://luyencode.net*

- Designed algorithmic problems across difficulty levels for national programming competitions.
- Collaborated with setters to improve problem quality and balance challenge.

Teaching Assistant (C/C++ Programming, Calculus 1) — Q1 2023
International University — *Ho Chi Minh City*

- Prepared structured post-lecture study materials and hosted virtual review sessions.
- Supported midterm/final exam prep for 100+ students.

Event Coordinator / IT Lead — Q4 2024
Arknights Vietnam Station — *Facebook: terrastationvn*

- Led technical execution for interactive event microsite using Next.js and Netlify.
- Increased engagement via gamified features and real-time event updates.

PROJECTS

Nameless* (Lead Developer)
2020 – Present
Python, Prisma, Ruff, uv
github.com/team-nameless/nameless-discord-bot

− Built Discord bot with Python meta-programming and async features.

− Used Ruff and uv for efficient builds and linting.

Arknights Vietnam Web (Lead Dev)
Q4 2024 – Present
Next.js, Prisma, MongoDB, Netlify
github.com/terrastationvn/the-web

− Architected SSG + SSR website with Next.js App Router and Prisma ORM.

− Deployed via Netlify with CI integration for GitHub and Discord webhooks.

− Built API endpoints for event interactions and draft system.

Starlight (Backend/Game Dev)
Q4 2024
ASP.NET Core, EF Core, MySQL, Phaser.js
github.com/swyrin/starlight

− Developed backend using Identity, EF Core, and controller-based REST APIs.

− Created Phaser.js front-end game logic interfaced with backend via React + Axios.

− Documented APIs with Swagger; used CORS policies for access control.

ACHIEVEMENTS

Excellent Student Award (3rd Place - Informatics)
June 2021
Ministry of Education and Training
Vietnam

− Solved C++ algorithmic problems under timed conditions at city level.

Semester Scholarship (600 USD)
2022
International University - VNU HCMC
Vietnam

− Earned GPA of 3.76/4.0 during awarded semester.

IELTS Academic 7.0 (English Proficiency)
Sep 2024
IDP Ho Chi Minh (VN101)
Vietnam

− Detailed scoring: Reading 8.0, Listening 8.0, Speaking 5.5, Writing 6.5